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Ag 1915

Appropriations for the Department of Agriculture
for the fiscal year ending June 30, 1915.





[PUBLIC—No. 122—63d CONGRESS.]

[H. R. 13679.]

An Act Making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and fifteen.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the Treasury of the United States not otherwise appropriated, in full compensation for the fiscal year ending June thirtieth, nineteen hundred and fifteen, for the purposes and objects hereinafter expressed, namely:

DEPARTMENT OF AGRICULTURE.

SALARIES, OFFICE OF THE SECRETARY OF AGRICULTURE: Secretary of Agriculture, \$12,000; Assistant Secretary of Agriculture, \$5,000; Solicitor, \$5,000; chief clerk, \$3,000, and \$500 additional as custodian of buildings; private secretary to the Secretary of Agriculture, \$2,500; stenographer and executive clerk to the Secretary of Agriculture, \$2,250; one appointment clerk, \$2,000; one chief, supply division, \$2,000; one inspector, \$2,750; one law clerk, \$3,250; one law clerk, \$3,000; three law clerks, at \$2,500 each; nine law clerks, at \$2,250 each; one law clerk, \$2,200; six law clerks, at \$2,000 each; three law clerks, at \$1,800 each; three law clerks, at \$1,600 each; one expert on exhibits, \$3,000; one telegraph and telephone operator, \$1,600; four clerks, class four; ten clerks, class three, twelve clerks, class two; twenty-one clerks, class one; one auditor, \$2,000; one accountant and bookkeeper, \$2,000; eight clerks, at \$1,000 each; eight clerks, at \$900 each; one clerk, \$840; fifteen messengers or laborers, at \$840 each; eleven assistant messengers or laborers, at \$720 each; one chief engineer, \$2,000; one assistant chief engineer, \$1,400; one assistant engineer, \$1,200; two assistant engineers, at \$1,000 each; eight firemen, at \$720 each; eight elevator conductors, at \$720 each; one construction inspector, \$1,400; one cabinet-shop foreman, \$1,200; four cabinetmakers or carpenters, at \$1,200 each; two cabinetmakers or carpenters, at \$1,100 each; eight cabinetmakers or carpenters, at \$1,020 each; two cabinetmakers or carpenters, at \$900 each; one electrician, \$1,100; one electrical wireman, \$1,000; one electrical wireman, \$900; two electrician's helpers, at \$720 each; two painters, at \$1,000 each; two painters, at \$900 each; five plumbers or steam fitters, at \$1,020 each; one plumber's helper, \$840; two plumber's helpers, at \$720 each; one blacksmith, \$900; one lieutenant of the watch, \$1,000; two lieutenants of the watch, at \$960 each; thirty-eight watchmen, at \$720 each; five mechanics, at \$1,200 each; two skilled laborers, at \$960 each; one janitor, \$900; twenty-one assistant messengers, messenger boys, or laborers, at \$600 each; nineteen laborers or messenger boys, at \$480 each; one charwoman, \$540; two charwomen, at \$480 each; fifteen charwomen, at \$240 each; for extra labor and emergency employments, \$14,000.

Total for office of the Secretary, \$339,880.

WEATHER BUREAU.

SALARIES, WEATHER BUREAU: One chief of bureau, \$5,000; one chief clerk and executive assistant, \$3,000; one chief of division of stations and accounts, \$2,750; one chief of printing division, \$2,500; three chiefs of division, at \$2,000 each; eight clerks, class four; eleven clerks, class three; twenty-three clerks, class two; thirty clerks, class one; twenty-two clerks, at \$1,000 each; ten clerks, at \$900 each; one telegraph operator, \$1,200; one assistant foreman of division, \$1,600; one chief compositor, \$1,400; one lithographer, \$1,500; two lithographers, at \$1,200 each; one pressman, \$1,200; five compositors, at \$1,250 each; fourteen printers, at \$1,200 each; eleven printers, at \$1,000 each; four folders and feeders, at \$720 each; one chief instrument maker, \$1,400; three instrument makers, at \$1,200 each; two skilled mechanics, at \$1,200 each; seven skilled mechanics, at \$1,000 each; one skilled mechanic, \$840; one skilled mechanic, \$720; six skilled artisans, at \$840 each; one engineer, \$1,300; one fireman and steam fitter, \$840; five firemen, at \$720 each; one captain of the watch, \$1,000; one electrician, \$1,200; one gardener, \$1,000; four repairmen, at \$840 each; six repairmen, at \$720 each; four watchmen, at \$720 each; seventeen messengers, messenger boys, or laborers, at \$720 each; six messengers, messenger boys, or laborers, at \$660 each; thirty-one messengers, messenger boys, or laborers, at \$600 each; eighty-eight messengers, messenger boys, or laborers, at \$480 each; five messengers, messenger boys, or laborers, at \$450 each; twenty-seven messenger boys, at \$360 each; one charwoman, \$360; three charwomen, at \$240 each; in all, \$327,270.

GENERAL EXPENSES, WEATHER BUREAU: For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies, and on adjacent coasts, in the Hawaiian Islands, in Bermuda, and in Alaska, the provisions of an Act approved October first, eighteen hundred and ninety, so far as they relate to the weather service transferred thereby to the Department of Agriculture; for the employment of professors of meteorology, district forecasters, local forecasters, meteorologists, section directors, observers, assistant observers, operators, skilled mechanics, instrument makers, assistant foremen, proof readers, compositors, pressmen, lithographers, folders and feeders, repairmen, station agents, messengers, messenger boys, laborers, special observers, displaymen and other necessary employees; for fuel, gas, electricity, freight and express charges, furniture, stationery, ice, dry goods, twine, mats, oils, paints, glass, lumber, hardware, and washing towels; for advertising; for subsistence, care, and purchase of horses and vehicles, and repairs of harness, for official purposes only; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for repairs and improvements to existing buildings and care and preservation of grounds, including the construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds; and the erection of temporary buildings for living quarters of observers; for official traveling expenses; for telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service; for the maintenance and repair of

Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure required for the establishment, equipment, and maintenance of meteorological offices and stations and for the issuing of weather forecasts and warnings of storms, cold waves, frosts, and heavy snows, the gauging and measuring of the flow of rivers and the issuing of river forecasts and warnings; for observations and reports relating to crops and for other necessary observations and reports, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:

For necessary expenses in the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology, \$122,000;

For necessary expenses outside of the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology, \$1,189,000, including not to exceed \$591,000 for salaries, \$120,000 for special observations and reports, \$275,000 for telegraphing and telephoning, and \$30,000 for traveling expenses;

For the maintenance of a printing office in the city of Washington, for the printing of weather maps, bulletins, circulars, forms, and other publications, including the pay of additional employees, when necessary, \$26,000: *Provided*, That no printing shall be done by the Weather Bureau that, in the judgment of the Secretary of Agriculture, can be done at the Government Printing Office without impairing the service of said bureau;

For the erection of a building at Neah Bay, Washington, to be constructed under the supervision of the Chief of the Weather Bureau, plans and specifications to be approved by the Secretary of Agriculture, and for all necessary labor, materials, and expenses connected with this work, \$3,000;

In all, for general expenses, \$1,340,000.

The Secretary of Agriculture is hereby directed to report to Congress at its next session the present condition and value of the tract of land consisting of eighty-four and eighty-one one-hundredths acres of land, more or less, known as Mount Weather, and located in the counties of Loudoun and Clarke, in the State of Virginia, the original cost of said land, together with the cost of the improvements thereon and the present value of such improvements, the amount which in his opinion can be realized from the sale of said real property, including buildings and other improvements, at private sale, and whether in his opinion it would be most advantageous to sell the same at public or at private sale, and to advise Congress as to whether it would be better for the Government to sell said property or to lease it. And the Secretary of Agriculture is authorized, in his discretion, to discontinue the use of Mount Weather as a weather station and if necessary place a keeper in charge thereof for its protection and care, the expenses thereof to be paid out of the appropriation made herein for necessary expenses of the Weather Bureau outside of the city of Washington.

Total for the Weather Bureau, \$1,667,270.

BUREAU OF ANIMAL INDUSTRY.

SALARIES, BUREAU OF ANIMAL INDUSTRY: One chief of bureau, \$5,000; one chief clerk, \$2,500; one editor and compiler, \$2,250; six clerks, class four; one clerk, \$1,680; thirteen clerks, class three; two clerks, at \$1,500 each; twenty-three clerks, class two; two clerks, at \$1,380 each; three clerks, at \$1,320 each; one clerk, \$1,300; one clerk, \$1,260; thirty-nine clerks, class one; one clerk, \$1,100; one clerk, \$1,080; fifty clerks, at \$1,000 each; two clerks, at \$960 each; sixty-four clerks, at \$900 each; one architect, \$2,000; one architect, \$900; one illustrator, \$1,400; one laboratory helper, \$1,020; two laboratory helpers, at \$840 each; one laboratory helper, \$720; one laboratory helper, \$600; one laboratory helper, \$480; one instrument maker, \$1,200; one carpenter, \$1,100; two carpenters, at \$1,000 each; one messenger and custodian, \$1,200; one messenger and custodian, \$1,000; one skilled laborer, \$1,000; thirty-three skilled laborers, at \$900 each; two skilled laborers, at \$840 each; three skilled laborers, at \$720 each; nine messengers, skilled laborers, or laborers, at \$840 each; ten messengers, skilled laborers, or laborers, at \$720 each; two messengers, skilled laborers, or laborers, at \$660 each; eleven laborers, messengers, or messenger boys, at \$600 each; three laborers, messengers, or messenger boys, at \$540 each; thirty-two laborers, messengers, or messenger boys, at \$480 each; six laborers, messengers, or messenger boys, at \$360 each; one watchman, \$720; one charwoman, \$600; one charwoman, \$540; eleven charwomen, at \$480 each; four charwomen, at \$360 each; one charwoman, \$300; two charwomen, at \$240 each; in all, \$347,030.

GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY: For carrying out the provisions of the Act approved May twenty-ninth, eighteen hundred and eighty-four, establishing a Bureau of Animal Industry, and the provisions of the Act approved March third, eighteen hundred and ninety-one, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the Act approved August thirtieth, eighteen hundred and ninety, providing for the importation of animals into the United States, and for other purposes; and the provisions of the Act of May ninth, nineteen hundred and two, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the Act approved February second, nineteen hundred and three, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the Act approved March third, nineteen hundred and five, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes: *Provided*, That hereafter all the provisions of the said Act approved March third, nineteen hundred and five, shall apply to any railroad company or other common carrier, whose road or line forms any part of a route over which cattle or other live stock are transported in the course of shipment from any quarantined State or Territory or the District of Columbia, or from the quarantined portion of any State or Territory or the District of Columbia, into any other State or Terri-

tory or the District of Columbia; and for carrying out the provisions of the Act of June twenty-ninth, nineteen hundred and six, entitled "An Act to prevent cruelty to animals while in transit by railroad or other means of transportation"; and for carrying out the provisions of the Act approved March fourth, nineteen hundred and thirteen, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, and the importation of such products intended for use in the treatment of domestic animals; and to enable the Secretary of Agriculture to collect and disseminate information concerning live-stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:

For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the twenty-eight-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and the alteration of buildings thereon; the inspection work relative to the existence of contagious diseases, and the tuberculin and mallein testing of animals, \$625,520, of which sum not more than \$3,000 may be used for the construction of a superintendent's house on the ground of the United States animal quarantine station for the port of Boston, at Littleton, Massachusetts;

For all necessary expenses for the eradication of southern cattle ticks, \$400,000, of which sum \$50,000 may be used for live-stock demonstration work, in cooperation with the Bureau of Plant Industry, in areas freed of ticks, and of this amount no part shall be used in the purchase of animals for breeding purposes: *Provided, however,* That no part of this appropriation shall be used in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry;

For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated-butter factories and markets, \$256,490;

For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding,

including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, \$182,840: *Provided*, That of the sum thus appropriated \$30,000 may be used for experiments in the breeding and maintenance of horses for military purposes: *Provided further*, That of the sum thus appropriated \$24,500 may be used for experiments in poultry feeding and breeding, including the feeding and breeding of ostriches and investigations and experiments in the study of the ostrich industry: *And provided further*, That of the sum thus appropriated \$10,000 may be used for the importation of Corriedale and other promising breeds of sheep for breeding purposes;

For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, \$77,360;

For construction of buildings at bureau experiment station at Bethesda, Maryland, and bureau experiment farm at Beltsville, Maryland, \$16,500;

For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, \$39,286;

In all, for general expenses, \$1,597,996.

MEAT INSPECTION, BUREAU OF ANIMAL INDUSTRY: For additional expenses in carrying out the provisions of the meat-inspection Act of June thirtieth, nineteen hundred and six (Thirty-fourth Statutes at Large, page six hundred and seventy-four), there is hereby appropriated for the fiscal year ending June thirtieth, nineteen hundred and fifteen, the sum of \$375,000: *Provided*, That the provisions of the meat-inspection law may be extended to the inspection of reindeer.

Total for Bureau of Animal Industry, \$2,245,026.

BUREAU OF PLANT INDUSTRY.

SALARIES, BUREAU OF PLANT INDUSTRY: One physiologist and pathologist, who shall be chief of bureau, \$5,000; one chief clerk, \$3,000; one executive assistant in seed distribution, \$2,500; one officer in charge of publications, \$2,250; one landscape gardener, \$1,800; one officer in charge of records, \$2,250; one superintendent of seed weighing and mailing, \$2,000; one executive clerk, \$2,250; three executive clerks, at \$1,980 each; one assistant superintendent of seed warehouse, \$1,400; one seed inspector, \$1,000; nine clerks, class four; fourteen clerks, class three; two clerks, at \$1,500 each; twenty-one clerks, class two; fifty-two clerks, class one; one clerk, \$1,080; nine clerks, at \$1,020 each; thirty-three clerks, at \$1,000 each; fifty-five clerks, at \$900 each; thirty clerks, at \$840 each; eighteen clerks, at \$720 each; one laborer, \$780; forty-two messengers or laborers, at \$720 each; twelve messengers, messenger boys, or laborers, at \$660 each; twenty-six messengers, messenger boys,

or laborers, at \$600 each; one artist, \$1,620; one clerk or artist, \$1,200; one photographer, \$1,400; one photographer, \$1,200; one photographer, \$900; one photographer, \$840; one laboratory aid, \$1,440; one laboratory aid, \$1,380; three laboratory aids or clerks, at \$1,200 each; one laboratory aid or clerk, \$1,080; two laboratory aids or clerks, at \$1,020 each; five laboratory aids, at \$840 each; eight laboratory aids, at \$720 each; six laboratory aids, at \$600 each; one laboratory apprentice, \$720; two map tracers, at \$720 each; two map tracers, at \$600 each; two gardeners, at \$1,440 each; four gardeners, at \$1,200 each; eight gardeners, at \$1,100 each; fifteen gardeners, at \$900 each; nineteen gardeners, at \$780 each; two skilled laborers, at \$960 each; two skilled laborers, at \$900 each; three skilled laborers, at \$840 each; one assistant in technology, \$1,400; one assistant in technology, \$1,380; one mechanical assistant, \$1,200; one blacksmith, \$900; one carpenter, \$900; one painter, \$900; one teamster, \$840; one teamster, \$600; twenty-one laborers, at \$540 each; twenty-seven laborers, messengers, or messenger boys, at \$480 each; four laborers or charwomen, at \$480 each; two laborers or charwomen, at \$360 each; two laborers, at \$420 each; fifteen charwomen, at \$240 each; eleven messenger boys, at \$360 each; six messenger boys, at \$300 each; in all, \$478,170.

GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY: For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:

For investigations of plant diseases, including diseases of ginseng, and pathological collections, \$37,000;

For the control of diseases of orchard and other fruits, \$52,675;

For the control of diseases of forest and ornamental trees and shrubs, including a study of the nature and habits of the parasitic fungi causing the chestnut-tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control, and by putting into application methods of control already discovered, \$69,510;

For the control of diseases of cotton, potatoes, truck crops, forage crops, drug and related plants, \$46,000, of which sum \$1,000 shall be immediately available;

For investigating the physiology of crop plants and for testing and breeding varieties thereof, \$44,540;

For soil-bacteriology and plant-nutrition investigations, \$35,000;

For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection, \$38,000;

For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products, and for general physiological and fermentation investigations, \$55,380;

For crop technological and fiber plant investigations, \$10,010;

For investigating the ginning, handling, grading, baling, gin compressing, and wrapping of cotton, and the establishment and demonstration of standards for the different grades thereof, and for carrying into effect the provisions of law relating thereto, \$91,000: *Provided*, That of this sum \$10,000 may be used for furnishing the official grades as standardized by the Government and samples of the bleached and unbleached yarns made from such grades, showing the waste, tensile strength, and bleaching quality thereof, to such primary cotton markets as organize associations for the purpose of receiving and caring for them under such rules and regulations as the Secretary of Agriculture may prescribe, such official grades and samples of yarns to be furnished upon the request of any such association at not to exceed the actual cost of the preparation of such official grades and samples of yarn: *Provided further*, That of the sum thus appropriated \$60,000 is to be used for testing the waste, tensile strength, and bleaching qualities of the different grades of cotton as standardized by the Government in order to determine their relative spinning values and for demonstrating the results of such tests;

For investigating the handling, grading, and transportation of grain, and the fixing of definite grades thereof, \$76,320;

For biophysical investigations in connection with the various lines of work herein authorized, \$25,000;

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, \$28,700;

For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broom corn and methods of broom-corn production, \$135,405: *Provided*, That not less than \$10,000 shall be set aside for the study of corn improvement and methods of corn production;

For the investigation and improvement of tobacco and the methods of tobacco production and handling, \$25,000;

For testing and breeding fibrous plants, including the testing of flax straw, in cooperation with the North Dakota Agricultural College, which may be used for paper making, \$10,8.0;

For the breeding and physiological study of alkali-resistant and drought-resistant crops, \$22,280;

For sugar beet investigations, including studies of diseases and the improvement of the beet and methods of culture, and to determine for each sugar-beet area the agricultural operations required to insure a stable agriculture, \$41,95: *Provided*, That of this sum \$10,000 may be used for investigations in connection with the production of table sirup, including the breeding, culture, and diseases

of cane, and the methods of manufacture, standardization, and marketing of sirup, and the utilization of cane by-products;

For investigations in economic and systematic botany and the improvement and utilization of wild plants and grazing lands, \$24,000;

To investigate and encourage the adoption of improved methods of farm management and farm practice, \$24,000: *Provided*, That of the amount hereby appropriated the sum of \$9,180 may be used in the investigation and utilization of cacti and other dry-land plants as food for stock;

For farmers' cooperative demonstration work outside of the cotton belt, \$40,000;

For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, \$673,240: *Provided*, That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State;

For the investigation and improvement of methods of crop production under subhumid, semiarid or dry-land conditions, \$160,000: *Provided*, That the limitation in this Act as to the cost of farm buildings shall not apply to this paragraph;

For studying methods of clearing off "logged off" lands with a view to their utilization for agricultural and dairying purposes; for their irrigation; for testing powders in clearing them; and for the utilization of by-products arising in the process of clearing, in cooperation with the States, companies, or individuals, or otherwise, \$5,000;

For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the reclamation Act, and other areas in the arid and semiarid regions, \$70,380;

For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, packing, storing, handling, and shipping, and for experimental shipments of fruits within the United States and to foreign countries, \$107,500;

To cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses, \$11,690;

For horticultural investigations, including the study of producing, handling, and shipping truck and related crops, including potatoes, and the study of landscape and vegetable gardening, floriculture, and related subjects, \$56,320;

For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April eighteenth, nineteen hundred, \$15,000;

For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for

experiments with reference to their introduction and cultivation in this country, \$74,600;

For the purchase, propagation, testing, and distribution of new and rare seeds, and for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, \$166,500: *Provided*, That of this amount not to exceed \$100,000 may be used for the purchase and distribution of such new and rare seeds;

For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the chief clerk, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto, \$32,490;

In all, for general expenses, \$2,880,875.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS: For purchase, propagation, testing, and congressional distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, \$257,000. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: *Provided, however*, That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: *Provided, also*, That the seeds allotted to Senators and Representatives for distribution in the districts embraced within

the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the tenth day of January: *Provided*, also, That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the first day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress, and who have not before during the same season been supplied by the department: *And provided also*, That the Secretary shall report, as provided in this Act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants.

Total for Bureau of Plant Industry, \$3,616,045.

FOREST SERVICE.

SALARIES, FOREST SERVICE: One forester, who shall be chief of bureau, \$5,000; one administrative assistant, \$2,000; one chief of office of accounts and fiscal agent, \$2,500; seven district fiscal agents, at \$2,000 each; one forest supervisor, \$2,700; one forest supervisor, \$2,600; eight forest supervisors, at \$2,400 each; twenty forest supervisors, at \$2,200 each; forty-eight forest supervisors, at \$2,000 each; sixty-six forest supervisors, at \$1,800 each; five forest supervisors, at \$1,600 each; one deputy forest supervisor, \$1,800; four deputy forest supervisors, at \$1,700 each; twenty-seven deputy forest supervisors, at \$1,600 each; thirty-one deputy forest supervisors, at \$1,500 each; eighteen deputy forest supervisors, at \$1,400 each; seven forest rangers, at \$1,500 each; twenty-one forest rangers, at \$1,400 each; seventy-eight forest rangers, at \$1,300 each; two hundred and eighty-six forest rangers, at \$1,200 each; six hundred and fifty assistant forest rangers, at \$1,100 each; eighty assistant forest rangers, at \$1,100 each, for periods not exceeding six months in the aggregate; one property auditor, \$1,800; one clerk, \$2,100; three clerks, at \$2,000 each; thirteen clerks, at \$1,800 each; twenty-six clerks, at \$1,600 each; nine clerks, at \$1,500 each; eighteen clerks, at \$1,400 each; eight clerks, at \$1,300 each; ninety-seven clerks, at \$1,200 each; sixty-nine clerks, at \$1,100 each; fifty-one clerks, at \$1,020 each; thirty clerks, at \$960 each; one hundred and twenty-eight clerks, at \$900 each; two clerks, at \$840 each; one game warden, \$1,400; one game warden, \$1,200; one compiler, \$1,800; one draftsman, \$2,000; three draftsmen, at \$1,600 each; two draftsmen, at \$1,500 each; six draftsmen, at \$1,400 each; four draftsmen, at \$1,300 each; eight draftsmen, at \$1,200 each; two draftsmen, at \$1,100 each; three draftsmen, at \$1,020 each; one draftsman, \$960; four draftsmen, at \$900 each; one artist, \$1,400; one artist, \$1,000; three map colorists, at \$900 each; one map colorist, \$720; one photographer, \$1,600; one photographer, \$1,400; one photographer, \$1,200; one photographer, \$1,100; one lithographer, \$1,200; one lithographer's helper,

\$780; one machinist, \$1,260; one carpenter, \$1,200; two carpenters, at \$1,000 each; one carpenter, \$960; one electrician, \$1,020; one laboratory aid and engineer, \$900; three laboratory assistants, at \$900 each; one laboratory assistant, \$800; one laboratory helper, \$720; one laboratory helper, \$600; one packer, \$1,000; one packer, \$780; four watchmen, at \$840 each; one messenger or laborer, \$960; three messengers or laborers, at \$900 each; four messengers or laborers, at \$840 each; three messengers or laborers, at \$780 each; four messengers or laborers, at \$720 each; six messengers or laborers, at \$660 each; five messengers, messenger boys, or laborers, at \$600 each; two messengers, messenger boys, or laborers, at \$540 each; three messengers, or messenger boys, at \$480 each; three messengers, or messenger boys, at \$420 each; twelve messengers, or messenger boys, at \$360 each; one apprentice boy, \$480; one charwoman, \$540; one charwoman, \$480; one charwoman, \$300; eleven charwomen, at \$240 each; in all, \$2,305,160.

GENERAL EXPENSES, FOREST SERVICE: To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected shall not exceed \$650: *And provided further*, That hereafter no part of the appropriation made by this act shall be used for the construction, repair, maintenance, or use of buildings or improvements made for forest ranger stations within the inclosed fields of bona fide homestead settlers who have established residence upon their homestead lands prior to the date of the establishment of the forest reservation in which the homestead lands are situated, without the consent of the homesteader; to pay all expenses necessary to protect, administer, and improve the national forests; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests to be exported from the State, Territory, or the District of Alaska in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests, in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, and office fixtures, and technical books and technical journals for officers of the Forest Service stationed outside of Washington, and medical supplies necessary for immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal

and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows:

For salaries and field and station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests named below:

Absaroka National Forest, Montana, \$7,425;
Alamo National Forest, New Mexico, \$4,400;
Angeles National Forest, California, \$16,774;
Apache National Forest, Arizona, \$8,610;
Arapahoe National Forest, Colorado, \$11,970;
Arkansas National Forest, Arkansas, \$16,910;
Ashley National Forest, Utah and Wyoming, \$6,260;
Battlement National Forest, Colorado, \$7,380;
Beartooth National Forest, Montana, \$7,020;
Beaverhead National Forest, Montana and Idaho, \$10,585;
Bighorn National Forest, Wyoming, \$15,100;
Bitterroot National Forest, Montana, \$15,530;
Blackfeet National Forest, Montana, \$24,980;
Black Hills National Forest, South Dakota, \$14,140;
Boise National Forest, Idaho, \$12,373;
Bonneville National Forest, Wyoming, \$7,250;
Bridger National Forest, Wyoming, \$4,200;
Cabinet National Forest, Montana, \$11,740;
Cache National Forest, Utah and Idaho, \$7,170;
California National Forest, California, \$19,600;
Caribou National Forest, Idaho and Wyoming, \$6,146;
Carson National Forest, New Mexico, \$13,900;
Cascade National Forest, Oregon, \$23,040;
Challis National Forest, Idaho, \$7,015;
Chelan National Forest, Washington, \$9,130;
Chiricahau National Forest, Arizona and New Mexico, \$3,750;
Chugach National Forest, Alaska, \$16,330;
Clearwater National Forest, Idaho, \$17,330;
Cleveland National Forest, California, \$16,329;
Cochetopa National Forest, Colorado, \$7,000;
Coconino National Forest, Arizona, \$12,610;
Coeur d'Alene National Forest, Idaho, \$41,440;
Colorado National Forest, Colorado, \$8,734;
Columbia National Forest, Washington, \$17,880;
Colville National Forest, Washington, \$9,210;
Coronado National Forest, Arizona, \$6,470;
Crater National Forest, Oregon and California, \$18,800;
Crook National Forest, Arizona, \$6,940;
Custer National Forest, Montana, \$5,400;
Dakota National Forest, North Dakota, \$835;
Datil National Forest, New Mexico, \$11,700;
Deerlodge National Forest, Montana, \$20,900;
Deschutes National Forest, Oregon, \$7,680;
Dixie National Forest, Utah and Arizona, \$3,770;
Durango National Forest, Colorado, \$8,685;
Eldorado National Forest, California and Nevada, \$15,090;
Fillmore National Forest, Utah, \$2,210;
Fishlake National Forest, Utah, \$5,300;

Flathead National Forest, Montana, \$37,880;
Florida National Forest, Florida, \$6,180;
Fremont National Forest, Oregon, \$9,200;
Gallatin National Forest, Montana, \$6,161;
Gila National Forest, New Mexico, \$13,700;
Gunnison National Forest, Colorado, \$8,790;
Harney National Forest, South Dakota, \$10,900;
Hayden National Forest, Wyoming and Colorado, \$7,525;
Helena National Forest, Montana, \$7,220;
Holy Cross National Forest, Colorado, \$7,860;
Humboldt National Forest, Nevada, \$4,330;
Idaho National Forest, Idaho, \$9,490;
Inyo National Forest, California and Nevada, \$6,290;
Jefferson National Forest, Montana, \$6,310;
Jemez National Forest, New Mexico, \$8,700;
Kaibab National Forest, Arizona, \$4,840;
Kaniksu National Forest, Idaho and Washington, \$26,690;
Kansas National Forest, Kansas, \$3,117;
Kern National Forest, California, \$16,890;
Klamath National Forest, California, \$32,640;
Kootenai National Forest, Montana, \$36,440;
La Sal National Forest, Utah and Colorado, \$4,000;
Lassen National Forest, California, \$20,070;
Leadville National Forest, Colorado, \$9,037;
Lemhi National Forest, Idaho, \$6,650;
Lewis and Clark National Forest, Montana, \$10,614;
Lincoln National Forest, New Mexico, \$4,360;
Lolo National Forest, Montana, \$21,100;
Luquillo National Forest, Porto Rico, \$5,960;
Madison National Forest, Montana, \$9,606;
Malheur National Forest, Oregon, \$11,460;
Manti National Forest, Utah, \$9,500;
Manzano National Forest, New Mexico, \$4,230;
Marquette National Forest, Michigan, \$1,170;
Medicine Bow National Forest, Wyoming, \$9,400;
Michigan National Forest, Michigan, \$2,417;
Minam National Forest, Oregon, \$4,930;
Minnesota National Forest, Minnesota, \$6,560;
Minidoka National Forest, Idaho and Utah, \$3,180;
Missoula National Forest, Montana, \$12,440;
Moapa National Forest, Nevada, \$860;
Modoc National Forest, California, \$13,450;
Mono National Forest, Nevada and California, \$5,100;
Monterey National Forest, California, \$2,787;
Montezuma National Forest, Colorado, \$8,802;
Nebo National Forest, Utah, \$1,654;

Nebraska National Forest, Nebraska, \$8,000; and to extend the work to the Niobrara division thereof, \$5,000: *Provided*, That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An Act increasing the area of homesteads in a portion of Nebraska," approved April twenty-eighth, nineteen hundred and four;

Nevada National Forest, Nevada, \$7,410;
Nez Perce National Forest, Idaho, \$14,619;
Ochoco National Forest, Oregon, \$8,600;
Okanogan National Forest, Washington, \$14,800;
Olympic National Forest, Washington, \$25,650;
Oregon National Forest, Oregon, \$17,600;
Ozark National Forest, Arkansas, \$15,893;
Palisade National Forest, Idaho and Wyoming, \$7,100;
Paulina National Forest, Oregon, \$7,330;
Payette National Forest, Idaho, \$18,870;
Pecos National Forest, New Mexico, \$7,570;
Pend Oreille National Forest, Idaho, \$17,450;
Pike National Forest, Colorado, \$16,862;
Plumas National Forest, California, \$27,600;
Pocatello National Forest, Idaho and Utah, \$1,483;
Powell National Forest, Utah, \$2,586;
Prescott National Forest, Arizona, \$4,780;
Rainier National Forest, Washington, \$15,400;
Rio Grande National Forest, Colorado, \$10,976;
Routt National Forest, Colorado, \$9,060;
Ruby National Forest, Nevada, \$2,430;
Saint Joe National Forest, Idaho, \$34,330;
Salmon National Forest, Idaho, \$13,690;
San Isabel National Forest, Colorado, \$4,350;
San Juan National Forest, Colorado, \$8,450;
Santa Barbara National Forest, California, \$11,407;
Santa Rosa National Forest, Nevada, \$2,180;
Santiam National Forest, Oregon, \$15,400;
Sawtooth National Forest, Idaho, \$5,535;
Selway National Forest, Idaho, \$14,695;
Sequoia National Forest, California, \$18,400;
Sevier National Forest, Utah, \$3,760;
Shasta National Forest, California, \$21,630;
Shoshone National Forest, Wyoming, \$7,905;
Sierra National Forest, California, \$30,750;
Sioux National Forest, South Dakota and Montana, \$6,895;
Siskiyou National Forest, Oregon and California, \$16,530;
Sitgreaves National Forest, Arizona, \$8,300;
Siuslaw National Forest, Oregon, \$10,260;
Snoqualmie National Forest, Washington, \$18,860;
Sopris National Forest, Colorado, \$6,230;
Stanislaus National Forest, California, \$16,601;
Sundance National Forest, Wyoming, \$3,711;
Superior National Forest, Minnesota, \$7,890;
Tahoe National Forest, California and Nevada, \$22,160;
Targhee National Forest, Idaho and Wyoming, \$8,861;
Teton National Forest, Wyoming, \$6,760;
Toiyabe National Forest, Nevada, \$9,770;
Tongass National Forest, Alaska, \$22,300;
Tonto National Forest, Arizona, \$5,495;
Trinity National Forest, California, \$25,770;
Tusayan National Forest, Arizona, \$15,261;
Uinta National Forest, Utah, \$5,585;
Umatilla National Forest, Oregon, \$6,200;

Umpqua National Forest, Oregon, \$12,240;
Uncompahgre National Forest, Colorado, \$9,700;
Wallowa National Forest, Oregon, \$10,560;
Wasatch National Forest, Utah, \$3,200;
Washakie National Forest, Wyoming, \$3,900;
Washington National Forest, Washington, \$13,130;
Weiser National Forest, Idaho, \$10,460;
Wenaha National Forest, Washington and Oregon, \$8,910;
Wenatchee National Forest, Washington, \$9,330;
White River National Forest, Colorado, \$10,267;
Whitman National Forest, Oregon, \$16,790;
Wichita National Forest, Oklahoma, \$3,800;
Wyoming National Forest, Wyoming, \$7,170;

Additional national forests created or to be created under section eleven of the Act of March first, nineteen hundred and eleven (Thirty-sixth Statutes, page nine hundred and sixty-three), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said Act, \$77,590;

For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests, \$100,000;

For the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the Act of June eleventh, nineteen hundred and six (Thirty-fourth Statutes, page two hundred and thirty-three), and the Act of March third, eighteen hundred and ninety-nine (Thirtieth Statutes, page one thousand and ninety-five), as provided by the Act of March fourth, nineteen hundred and thirteen, \$85,000: *Provided*, That any unexpended balance of an appropriation of \$35,000 to be expended "under the direction of the Secretary of Agriculture for survey and listing of lands within the forest reserves chiefly valuable for agriculture and describing the same by metes and bounds or otherwise," and so forth, provided by the Act of March fourth, nineteen hundred and thirteen, entitled "An Act making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and fourteen," be, and the same is hereby, continued and made available for and during the fiscal year ending June thirtieth, nineteen hundred and fifteen, for the purpose of this appropriation;

For fighting and preventing forest fires and for other unforeseen emergencies, \$150,000;

For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments, \$160,000;

For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing and the testing of such woods as may require test to ascertain if they be suitable for making paper, and for other investigations and experiments to promote economy in the use of forest products, \$140,000;

For experiments and investigations of range conditions within national forests, and of methods for improving the range by reseeding, regulation of grazing, and other means, \$25,000;

For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, \$165,640:

Provided, That hereafter the Secretary of Agriculture may procure such seed, cones, and nursery stock by open purchase, w. thout advertisements for proposals, whenever in his discretion such method is most economical and in the public interest and when the cost thereof will not exceed \$500;

For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands, \$83,728;

For other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, \$40,160;

For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, \$400,000: *Provided*, That no part of the money herein appropriated shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized in and by this appropriation: *And provided also*, That no part of this appropriation shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public;

In all, for general expenses, \$3,243,096.

Not to exceed fifteen per centum of the total of all sums appropriated under "General expenses, Forest Service," may be used in the discretion of the Secretary of Agriculture as provided above under general expenses for Forest Service for all expenses necessary for the general administration of the Forest Service.

That hereafter all moneys received as contributions toward cooperative work in forest investigations, or the protection and improvement of the national forests, shall be covered into the Treasury and shall constitute a special furd, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of said investigations, protection, or improvements by the Forest Service, and for refunds to the contributors of amounts heretofore or hereafter paid in by them in excess of their share of the cost of said investigations, protection, or improvements: *Provided*, That annual report shall be made to Congress of all such moneys so received as contributions for such cooperative work.

Total for Forest Service, \$5,548,256.

BUREAU OF CHEMISTRY.

SALARIES, BUREAU OF CHEMISTRY: One chemist, who shall be chief of bureau, \$5,000; one chief clerk, \$2,500; two executive clerks, at \$2,000 each; seven clerks, class four; eleven clerks, class three; one clerk, \$1,440; twelve clerks, class two; one clerk, \$1,300; nineteen

clerks, class one; thirteen clerks, at \$1,020 each; twelve clerks, at \$1,000 each; one clerk, \$960; twenty-three clerks, at \$900 each; one clerk, \$840; one food and drug inspector, \$2,500; one food and drug inspector, \$2,250; thirteen food and drug inspectors, at \$2,000 each; thirteen food and drug inspectors, at \$1,800 each; one food and drug inspector, \$1,620; eleven food and drug inspectors, at \$1,600 each; four food and drug inspectors, at \$1,400 each; four laboratory helpers, at \$1,200 each; one laboratory helper, \$1,020; four laboratory helpers, at \$1,000 each; four laboratory helpers, at \$960 each; three laboratory helpers, at \$900 each; six laboratory helpers, at \$840 each; two laboratory helpers, at \$780 each; twenty laboratory helpers, messengers, or laborers, at \$720 each; two laboratory helpers, messengers, or laborers, at \$660 each; twenty-seven laboratory helpers, messenger boys, or laborers, at \$600 each; one laboratory assistant, \$1,200; one toolmaker, \$1,200; one sampler, \$1,200; one janitor, \$1,020; one student assistant, \$300; two messengers, at \$840 each; one skilled laborer, \$1,050; one skilled laborer, \$840; two messenger boys or laborers, at \$540 each, eight messenger boys or laborers, at \$480 each; three messenger boys or laborers, at \$420 each; one messenger boy or laborer, \$360; eight charwomen, at \$240 each; in all, \$282,600.

GENERAL EXPENSES, BUREAU OF CHEMISTRY: For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations, collecting and reporting the results of such investigations, and for rent outside of the District of Columbia, for carrying out the investigations and work herein authorized, as follows:

For conducting the investigations contemplated by the Act of May fifteenth, eighteen hundred and sixty-two, relating to the application of chemistry to agriculture, \$52,400;

For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, \$14,000;

For investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein, and for all necessary expenses in connection with such inspection and studies of methods of analysis in foreign countries, \$4,280;

For investigating the preparation for market, the handling, grading, packing, freezing, drying, storing, and transportation of poultry and eggs, and for experimental shipments of poultry and eggs within the United States, \$50,000;

For investigating the handling, grading, packing, canning, freezing, storing, and transportation of fish, and for experimental shipments of fish, for the utilization of waste products, and the development of new sources of food, \$15,000;

For investigating the packing, handling, storing, and shipping of oysters and other shellfish in the United States and the waters bordering on the United States, \$5,000;

For the biological investigation of food and drug products and substances used in the manufacture thereof, \$10,000;

In all, for general expenses, \$150,680.

ENFORCEMENT OF THE FOOD AND DRUGS ACT: For enabling the Secretary of Agriculture to carry into effect the provisions of the Act of June thirtieth, nineteen hundred and six, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, and rent outside of the District of Columbia, \$644,301.

Total for Bureau of Chemistry, \$1,077,581.

BUREAU OF SOILS.

SALARIES, BUREAU OF SOILS: One soil physicist, who shall be chief of bureau, \$1,000; one chief clerk, \$2,000; one executive assistant, \$2,000; four clerks, class four; two clerks, class three; five clerks, class two; one clerk, \$1,260; eight clerks, class one; five clerks, at \$1,000 each; three clerks, at \$900 each; one soil cartographer, \$1,800; one soil bibliographer or draftsman, \$1,400; one photographer, \$1,200; five draftsmen, at \$1,200 each; one clerk-draftsman, \$1,200; one draftsman, \$1,000; one messenger, \$840; three messengers, messenger boys, or laborers, at \$180 each; two laborers, at \$600 each; one laborer, \$300; one charwoman or laborer, \$480; in all, \$60,820.

GENERAL EXPENSES, BUREAU OF SOILS: For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside of the District of Columbia, and for all other necessary supplies and expenses, as follows:

For chemical investigations of soil types, soil composition and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey, \$22,350;

For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aeration, heat conductivity, texture, and other physical investigations of the various soil classes and soil types, \$15,265;

For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, \$32,700;

For exploration and investigation within the United States to determine possible sources of supply of potash, nitrates, and other natural fertilizers, \$36,500;

For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Government, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, \$169,800;

For the examination and classification of agricultural lands in forest reserves, in cooperation with the Forest Service, \$20,000;

For general administrative expenses connected with the above-mentioned lines of investigation, \$3,200;

In all, for general expenses, \$299,815.

Total for Bureau of Soils, \$360,635.

BUREAU OF ENTOMOLOGY.

SALARIES, BUREAU OF ENTOMOLOGY: One entomologist, who shall be chief of bureau, \$4,500; one chief clerk and executive assistant, \$2,250; one financial clerk, \$1,800; three clerks, class four; three clerks, class three; nine clerks, class two; seven clerks, class one; seven clerks, at \$1,000 each; two clerks, at \$900 each; two entomological draftsmen, at \$1,400 each; one entomological draftsman, \$1,080; four foremen, at \$1,080 each; two entomological preparators, at \$840 each; one entomological preparator, \$720; six entomological preparators, at \$600 each; one messenger, \$840; two messengers or laborers, at \$720 each; four messenger boys, at \$360 each; one mechanic, \$840; one laborer, \$540; two charwomen, at \$180 each; one charwoman, \$240; in all, \$69,050.

GENERAL EXPENSES, BUREAU OF ENTOMOLOGY: For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts, \$58,000;

For investigations of insects affecting cereal and forage crops, \$114,500;

For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the cigarette beetle and Argentine ant, \$59,000;

For investigations of insects affecting forests, \$54,790;

For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and insects affecting stored products, \$41,500;

For investigations in bee culture, \$15,000;

For investigations of insects affecting tropical and subtropical fruits, including insects affecting the orange, lemon, grapefruit, mango, and so forth, \$20,100;

For investigations of the Mediterranean fruit fly, \$33,200;

For investigations, identification, and systematic classification of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, and the importation and exchange of useful insects, \$54,280;

In all, for general expenses, \$450,370.

PREVENTING SPREAD OF MOTHS: To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown-tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such manner as he shall deem best, in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$310,000.

Total for Bureau of Entomology, \$829,420.

BUREAU OF BIOLOGICAL SURVEY.

SALARIES, BUREAU OF BIOLOGICAL SURVEY: One biologist, who shall be chief of bureau, \$3,500; one chief clerk and executive assistant, \$1,800; one assistant in game preservation, \$2,250; one financial clerk, \$1,600; two clerks, class three; three clerks, class two; five clerks, class one; three clerks, at \$1,000 each; two clerks, at \$900 each; one messenger, \$720; one photographer, \$1,300; one game warden, \$1,200; one draftsman, \$900; one messenger, messenger boy, or laborer, \$480; one laborer, \$600; one charwoman, \$240; in all, \$32,790.

GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY: For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:

For the enforcement of sections two hundred and forty-one, two hundred and forty-two, two hundred and forty-three, and two hundred and forty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section one of the Act approved May twenty-fifth, nineteen hundred, entitled "An Act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," \$16,000;

For the maintenance of the Montana National Bison Range and other reservations under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section eighty-four of the Act approved March fourth,

nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," \$21,000, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations;

For investigating the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry, including experiments and demonstrations in destroying wolves, prairie dogs, and other animals injurious to agriculture and animal husbandry, and for investigations and experiments in connection with rearing of fur-bearing animals, including mink and marten, \$115,000: *Provided*, That of this sum \$15,000 shall be used for the destruction of ground squirrels on the national forests: *And provided further*, That of this sum not more than \$5,000 may be used in investigating the disease of wild ducks in the Salt Lake Valley region of Utah;

For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life and crop zones, \$26,500;

For the improvement of a game preserve in Sullys Hill National Park, in the State of North Dakota, \$5,000, the same to be available until expended. The Secretary of Agriculture is authorized to inclose the said park with a good and substantial fence, to construct thereon all sheds, buildings, and corrals necessary for the proper care and maintenance of the animals and birds therein, to erect a suitable headquarters, to construct and maintain roads, trails, and other structures necessary for the convenience of visitors, and to incur such other expenses as may be necessary for the proper maintenance of the preserve and the animals and birds placed therein. The Secretary of Agriculture is also authorized to place in the park buffalos, elk, deer, and such other wild or rare animals and birds as he may in his discretion decide.

For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them, \$15,000;

For all necessary expenses for enforcing the provisions of the Act approved March fourth, nineteen hundred and thirteen (Thirty-seventh Statutes at Large, pages eight hundred and forty-seven and eight hundred and forty-eight), relating to the protection of migratory game and insectivorous birds, \$50,000;

In all, for general expenses, \$248,500.

Total for Bureau of Biological Survey, \$281,290.

DIVISION OF ACCOUNTS AND DISBURSEMENTS.

SALARIES, DIVISION OF ACCOUNTS AND DISBURSEMENTS: One chief of division and disbursing clerk, \$4,000; one supervising auditor, \$2,250; one cashier and chief clerk, \$2,250; one deputy disbursing clerk, \$2,000; one accountant and bookkeeper, \$2,000; two clerks, class four; four clerks, class three; six clerks, class two; five clerks, class one; four clerks, at \$1,000 each; three clerks, at \$900 each; one custodian of records and files, \$1,400; one messenger, \$720; one messenger or messenger boy, \$600.

Total for Division of Accounts and Disbursements, \$46,320.

DIVISION OF PUBLICATIONS.

SALARIES, DIVISION OF PUBLICATIONS: One editor, who shall be chief of division, \$3,250; one editor, who shall be assistant chief of division, \$2,500; one chief clerk, \$2,000; two assistant editors, at \$2,000 each; four assistant editors, at \$1,800 each; one assistant editor, \$1,600; one assistant editor, \$1,400; one assistant editor in charge of indexing, \$2,000; one indexer, \$1,400; one assistant in charge of illustrations, \$2,100; one draftsman or photographer, \$1,600; two draftsmen or photographers, at \$1,500 each; one draftsman or photographer, \$1,400; one draftsman or photographer, \$1,300; six draftsmen or photographers, at \$1,200 each; one assistant photographer, \$900; one assistant in charge of document section, \$2,000; one assistant in document section, \$1,800; one foreman, miscellaneous distribution, \$1,500; one forewoman, \$1,400; one clerk, class three; one clerk, class two; nine clerks, class one; fifteen clerks, at \$1,000 each; forty clerks, at \$900 each; eighteen clerks, at \$840 each; two skilled laborers, at \$900 each; eight skilled laborers, at \$840 each; four skilled laborers, at \$780 each; sixteen skilled laborers, at \$720 each; one chief folder, \$1,000; two folders, at \$900 each; two skilled laborers, at \$1,100 each; one skilled laborer, \$1,000; two messengers, at \$840 each; two messengers, at \$720 each; three messengers or messenger boys, at \$600 each; two messengers or messenger boys, at \$480 each; two messengers or messenger boys, at \$420 each; two messengers or messenger boys, at \$360 each; one laborer, \$840; two laborers, at \$600 each; four charwomen, at \$480 each; three charwomen, at \$240 each; in all, \$170,750.

GENERAL EXPENSES, DIVISION OF PUBLICATIONS: For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:

For labor-saving machinery, including necessary supplies, \$2,000;
 For envelopes, stationery, and materials, \$6,000;
 For office furniture and fixtures, \$1,000;
 For photographic equipment and for photographic materials and artists' tools and supplies, \$6,000;
 For telephone and telegraph service and freight and express charges, \$250;
 For wagons, bicycles, horses, harness, and maintenance of the same, \$500;
 For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, \$3,000;
 In all, for general expenses, \$18,750.
 Total for Division of Publications, \$189,500.

BUREAU OF CROP ESTIMATES.

SALARIES, BUREAU OF CROP ESTIMATES: One statistician, who shall be chief of bureau, \$4,000; one chief clerk, \$1,800; six clerks, class four; nine clerks, class three; fourteen clerks, class two; one clerk, \$1,300; eighteen clerks, class one; seventeen clerks, at \$1,000 each; twenty-one clerks, at \$900 each; two messengers, at \$840 each; two messengers or laborers, at \$720 each; two messengers, messenger boys, or laborers, at \$660 each; one messenger, messenger boy, or

laborer, \$480; one charwoman, messenger, or laborer, \$540; two charwomen, messenger boys, or laborers, at \$360 each; in all, \$115,580.

GENERAL EXPENSES, BUREAU OF CROP ESTIMATES: For all necessary expenses for collecting, compiling, abstracting, analyzing, summarizing, and interpreting data relating to agricultural industries; for making and publishing periodically crop and live stock estimates, including acreage, yield, and value of farm products, as follows:

Salaries and employment of labor in the city of Washington and elsewhere, supplies, telegraph, and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses, \$24,700;

Salaries, travel, and other necessary expenses of employees out of the city of Washington engaged in field investigations, \$135,300;

That hereafter the powers conferred and the duties imposed by law on the Bureau of Statistics of the Department of Agriculture shall be exercised and performed by the Bureau of Crop Estimates.

In all, for general expenses, \$160,000.

Total for Bureau of Crop Estimates, \$275,580.

LIBRARY, DEPARTMENT OF AGRICULTURE.

SALARIES, LIBRARY, DEPARTMENT OF AGRICULTURE: One librarian, \$2,000; one clerk, class three; one clerk, class two; four clerks, class one; three clerks, at \$1,080 each; six clerks, at \$1,000 each; five clerks, at \$900 each; one clerk, \$840; one junior library assistant, or messenger, \$720; three junior library assistants, or messenger boys, at \$600 each; one messenger, messenger boy, or laborer, \$480; one charwoman, \$480; in all, \$27,860.

GENERAL EXPENSES, LIBRARY: For books of reference, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and other material, \$17,500.

Total for Library, \$45,360.

MISCELLANEOUS EXPENSES.

MISCELLANEOUS EXPENSES, DEPARTMENT OF AGRICULTURE: For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and matting; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings, grounds, and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, \$110,000.

RENT IN THE DISTRICT OF COLUMBIA.

RENT OF BUILDINGS, DEPARTMENT OF AGRICULTURE: For rent of buildings and parts of buildings in the District of Columbia for use of the various bureaus, divisions, and offices of the Department of Agriculture, namely:

For Bureau of Animal Industry, \$2,220;
 For Bureau of Plant Industry, \$26,420;
 For Forest Service, \$25,075;
 For Bureau of Chemistry, \$17,320;
 For Bureau of Soils, \$306;
 For Division of Publications, \$5,000;
 For Office of Solicitor, \$2,160;
 For Office of Experiment Stations, \$5,000;
 For Office of Public Roads, \$3,500;
 For additional rent in cases of emergency for any bureau, division, or office of the department, \$21,328;
 In all, \$108,329.

OFFICE OF EXPERIMENT STATIONS.

SALARIES, OFFICE OF EXPERIMENT STATIONS: One director, \$4,500; one chief clerk, \$2,000; on financial clerk, \$2,000; one draftsman, \$1,920; one clerk or proof reader, \$1,800; one clerk or editorial clerk, \$1,600; one clerk or editorial clerk, \$1,400; one clerk or editorial clerk, \$1,200; one clerk or draftsman, \$1,200; one clerk or draftsman, \$900; one clerk, class four; three clerks, class three; one clerk, \$1,500; four clerks, class two; eight clerks, class one; eight clerks, at \$1,000 each; twelve clerks, at \$900 each; three messengers, messenger boys, or laborers, at \$600 each; five messengers, messenger boys, or laborers, at \$480 each; one skilled laborer, \$900; four laborers or charwomen, at \$480 each; five laborers or charwomen, at \$240 each; in all, \$68,840.

GENERAL EXPENSES, OFFICE OF EXPERIMENT STATIONS: To carry into effect the provisions of an Act approved March second, eighteen hundred and eighty-seven, entitled "An Act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an Act approved July second, eighteen hundred and sixty-two, and of the Acts supplementary thereto," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000;

To carry into effect the provisions of an Act approved March sixteenth, nineteen hundred and six, entitled "An Act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000: *Provided*, That not to exceed \$15,000 shall be paid to each State and Territory under this Act;

To enable the Secretary of Agriculture to enforce the provisions of the above Acts and the Act approved May eighth, nineteen hundred and fourteen, entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an Act of Congress approved July second, eighteen hundred and sixty-two, and of Acts supplementary

thereto, and the United States Department of Agriculture," relative to their administration, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, \$50,500; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above Acts, ascertain whether the expenditures are in accordance with their provisions, and make report thereon to Congress: *Provided*, That all correspondence, bulletins, and reports for the furtherance of the purposes of the Act approved May eighth, nineteen hundred and fourteen, entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an Act of Congress approved July second, eighteen hundred and sixty-two, and the Acts supplementary thereto, and the United States Department of Agriculture," may be transmitted in the mails of the United States free of charge for postage, under such regulations as the Postmaster General, from time to time, may prescribe, by such college officer or other person connected with the extension department of such college as the Secretary of Agriculture may designate to the Postmaster General;

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, \$120,000, as follows: Alaska, \$40,000; Hawaii, \$35,000; Porto Rico, \$30,000; and Guam, \$15,000; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, and this fund shall be available until used: *Provided*, That of the sum herein appropriated for the experiment station in Hawaii \$5,000 may be used in agricultural extension work in Hawaii;

To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$23,000;

In all, for general expenses, \$1,633,500.

NUTRITION INVESTIGATIONS: To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$25,760.

IRRIGATION INVESTIGATIONS: To enable the Secretary of Agriculture to investigate and report upon the laws of the States and Territories as affecting irrigation and the rights of appropriators, and of riparian proprietors and institutions relating to irrigation, and upon the use of irrigation water at home and abroad, with especial suggestions of the best methods for the utilization of irrigation waters in agriculture, and upon the use of different kinds of power and appliances for irrigation, and for the preparation and illustration of reports and bulletins on irrigation, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, supplies, and all necessary expenses, \$106,400.

DRAINAGE INVESTIGATIONS: To enable the Secretary of Agriculture to investigate and report upon the drainage of swamp and other wet lands which may be made available for agricultural purposes, and to prepare plans for the removal of surplus waters by drainage from such lands, and for the preparation and illustration of reports and bulletins on drainage, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, supplies, and all necessary expenses, \$96,280.

Total for Office of Experiment Stations, \$1,930,780.

OFFICE OF PUBLIC ROADS.

SALARIES, OFFICE OF PUBLIC ROADS: One director, who shall be a scientist and have charge of all scientific and technical work, \$4,500; one chief clerk, \$1,900; one clerk, class four; three clerks, class three; one clerk, \$1,500; one clerk, \$1,440; one clerk or instrument maker, \$1,440; one clerk or tabulator, \$1,440; one clerk, \$1,380; two clerks, at \$1,320 each; four clerks, at \$1,260 each; three clerks, class one; one clerk or photographer, \$1,200; one clerk or photographer, \$1,000; two clerks, at \$1,140 each; two clerks, at \$1,080 each; one clerk, \$1,020; four clerks, at \$1,000 each; one clerk, \$900; one clerk or instrument maker, \$1,200; one messenger or laboratory helper, \$840; two messengers, laborers, or laboratory helpers, at \$720 each; one messenger or laborer, \$660; four messengers, laborers, or messenger boys, at \$600 each; one laborer or messenger boy, \$480; two messenger boys, at \$480 each; two charwomen, at \$240 each; in all, \$52,500.

GENERAL EXPENSES, OFFICE OF PUBLIC ROADS: For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: *Provided*, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for:

For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject, \$44,800;

For investigations of the best methods of road making, especially ordinary sand-clay and dirt roads, and the best kinds of road-making materials, and for furnishing expert advice on road building and maintenance, \$145,000;

For investigations of the chemical and physical character of road materials, \$36,260;

For conducting field experiments and various methods of road construction and maintenance, and investigations concerning various road materials and preparations; for investigating and developing equipment intended for the preparation and application of bituminous and other binders; for the purchase of materials and equipment; for the employment of assistance and labor; for the erection of buildings; such experimental work to be confined as nearly as possible to one point during the fiscal year, \$60,000;

For general administrative expenses connected with the above-mentioned lines of investigations and experiments, \$14,000;

In all, for general expenses, \$300,060.

Total for Office of Public Roads, \$352,560.

And not to exceed ten per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than ten per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.

Total, Department of Agriculture, for routine and ordinary work, \$19,098,832.

MISCELLANEOUS.

ENFORCEMENT OF THE INSECTICIDE ACT: To enable the Secretary of Agriculture to carry into effect the provisions of the Act of April twenty-sixth, nineteen hundred and ten, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, and other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals, and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, \$95,000.

FIGHTING AND PREVENTING FOREST FIRES IN EMERGENCY: For fighting and preventing forest fires in cases of extraordinary emergency, \$100,000, or so much thereof as may be necessary.

ENFORCEMENT OF THE PLANT QUARANTINE ACT: To enable the Secretary of Agriculture to carry into effect the provisions of the Act of August twentieth, nineteen hundred and twelve, as amended March fourth, nineteen hundred and thirteen, entitled "An Act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes," in the city of Washington and elsewhere, including official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, \$50,000.

To enable the Secretary of Agriculture to cooperate with those States in the inspection of Irish potatoes where a quarantine has been or hereafter shall be established by the Secretary of Agriculture,

prohibiting the movement of such potatoes from any State into any other State, District, or Territory of the United States except under such rules and regulations as he may prescribe, and for the enforcement of such rules and regulations, and for the employment of persons and means necessary in the city of Washington and elsewhere, there is hereby appropriated the sum of \$50,000.

OFFICE OF MARKETS: To enable the Secretary of Agriculture to acquire and to diffuse among the people of the United States useful information on subjects connected with the marketing and distribution of farm products, and for the employment of persons and means necessary in the city of Washington and elsewhere, there is hereby appropriated the sum of \$200,000.

DEMONSTRATIONS ON RECLAMATION PROJECTS: To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects; and for the employment of persons and means necessary, in the city of Washington and elsewhere, \$40,000.

To enable the Secretary of Agriculture to cooperate with and make an exhibit at the next annual meeting of the International Dry Farming Congress, to be held at Wichita, Kansas, during the fiscal year ending June thirtieth, nineteen hundred and fifteen, illustrative of the investigations, products, and processes relating to farming in the subhumid region of the United States, including labor and all expenses in the city of Washington and elsewhere, \$20,000.

COOPERATIVE FIRE PROTECTION OF FORESTED WATERSHEDS OF NAVIGABLE STREAMS: For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams, under the provisions of section two of the Act of March first, nineteen hundred and eleven, entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$100,000.

That section thirteen of the Act entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," approved March first, nineteen hundred and eleven (Thirty-sixth Statutes at Large, page nine hundred and sixty-three), is hereby amended by striking out the word "five" in the first line of said section, and inserting in lieu thereof the word "twenty-five."

EXPERIMENTS AND DEMONSTRATIONS IN LIVE-STOCK PRODUCTION IN THE CANE-SUGAR AND COTTON DISTRICTS OF THE UNITED STATES: To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of live-stock production in the cane-sugar and cotton districts of the United States, \$60,000: *Provided*, That no part of this appropriation shall be used in the purchase of animals for breeding purposes.

That hereafter the maximum salary of any scientific investigator, or other employee engaged in scientific work and paid from the gen-

eral appropriations of the Department of Agriculture, shall not exceed at the rate of \$4,500 per annum.

The Secretary of Agriculture is hereby authorized and directed to prepare a plan for reorganizing, redirecting, and systematizing the work of the Department of Agriculture as the interests of economical and efficient administration may require; such plan shall be submitted to Congress in the Book of Estimates for the fiscal year nineteen hundred and sixteen; and the estimates of expenses of the Department of Agriculture for the fiscal year nineteen hundred and sixteen shall be prepared and submitted in accordance therewith.

Hereafter employees of the Department of Agriculture assigned to permanent duty in Alaska, Hawaii, Porto Rico, and Guam may, in the discretion of the Secretary of Agriculture, without additional expense to the Government, be granted leave of absence not to exceed thirty days in any one year, which leave may, in exceptional and meritorious cases where an employee is ill, be extended, in the discretion of the Secretary of Agriculture, not to exceed thirty days additional in any one year.

The Secretary of Agriculture may hereafter exchange general scientific apparatus and laboratory equipment purchased from any appropriation of the Department of Agriculture.

To enable the Secretary of Agriculture to make studies of cooperation among farmers in the United States in matters of rural credits and of other forms of cooperation in rural communities; to diffuse among the people of the United States useful information growing out of these studies, in order to provide a basis for broader utilization of results secured by the research, experimental and demonstration work of the Department of Agriculture, agricultural colleges and State experiment stations; and to employ such persons and means in the city of Washington and elsewhere as the Secretary may consider necessary, \$40,000.

For investigating the grading, weighing, and handling of naval stores, and preparation of definite type samples thereof, \$5,000.

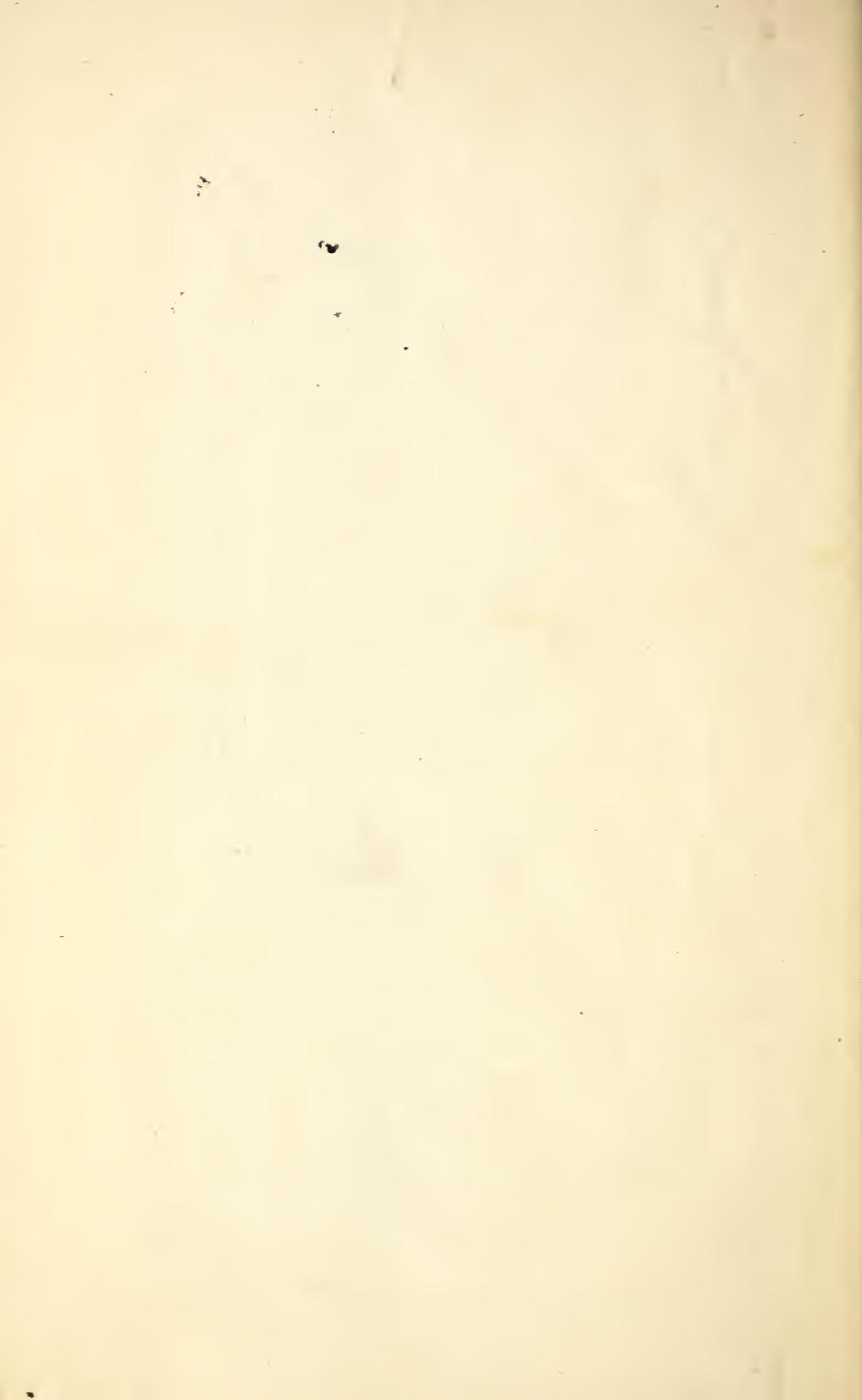
To enable the Secretary of Agriculture to print and publish certain maps, heretofore prepared and now in the possession of the Department of Agriculture, and the reports accompanying the same, relating to the location, extent, and other features of kelp beds on the Pacific coast, \$7,000.

That the lump-sum appropriations now available or herein made for the work of the Department of Agriculture shall be available for the purchase of motor vehicles and motor boats necessary in the conduct of the field work of the Department of Agriculture: *Provided*, That the amount to be expended under the provisions of this paragraph for such motor vehicles and motor boats shall not exceed the sum of \$10,000, and that said vehicles and boats shall be used only for official service: *Provided further*, That the Secretary of Agriculture shall, on the first day of each regular session of Congress, make a report to Congress showing the amount expended under the provisions of this paragraph for the purchase of such vehicles and boats during the preceding fiscal year.

Total carried by this Act for the Department of Agriculture, \$19,865,832.

Approved, June 30, 1914.





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